**Install & Configure Argo tunnel on Nginx server**

Those are steps in order to install and configure Argo Tunnel:

**Make initial tunnel connection**

* Make sure port 7844 is open outbound from the server which Argo Tunnel will be installed on.
* Configure the Nginx to listen to port 80.
* Run the following command for first login to CloudFlare:

Cloudflared tunnel login

* Copy the link in command output and paste in browser to verify the login of the agent.
* Save the certificate created from the above command
* Run the following command in order to check initial Tunnel connection and set the hostname with the URL configured for application:

cloudflared tunnel --hostname <app-URL> <http://localhost>

* Once connection is done stop the connection by pressing Ctrl+C
* Verify in CloudFlare Argo Tunnel console that a new record matching “app-URL” was created.
* Verify access to application through browser with the record created in cloud flare Argo Tunnel console

**Configure Cloud Flare service**

1. Configure cloudflare as service:

* Create the following path if not existing- /etc/cloudflared
* Create a file named config.yml and paste the following into the file:

hostname: app-URL

url: <http://localhost>

logfile: /var/log/cloudflared.log

* Copy certificate from section 5 and place it under /etc/cloudflared
* Run the following to install cloudflared daemon:

cloudflared service install

1. Create 2 rules in cloudflare FW console:

* Allow https
* Block all to app-URL